

# Immunology & Microbial Pathogenesis Program Research Seminar

Weill Cornell Sloan Kettering Institute Hospital for Special Surgery The Rockefeller University

## ***New Insights on Apoptotic Cell Clearance - Relevance to Health and Disease***

**Kodi Ravichandran, PhD**  
Professor and Chair  
Microbiology, Immunology, and  
Cancer Biology  
University of Virginia School of Medicine  
Charlottesville, VA

**Monday, September 10, 2018**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Julie Blander (Cornell)

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## ***Vulnerabilities and Opportunities in the Metabolic Ambivalence of Lymphocytes***

**Steven Reiner, MD**  
Charles H. Revson Professor  
of Microbiology & Immunology and  
Pediatrics  
Columbia University  
New York, NY

**Monday, September 17, 2018**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Jayanta Chaudhuri (SKI)

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## ***Resistance to Cancer Immunotherapy***

**Kai Wucherpfennig, MD, PhD**  
Professor and Chair, Department of Cancer  
Immunology and Virology  
Professor of Microbiology and  
Immunobiology, Harvard Medical School  
Professor of Neurology, Brigham and  
Women's Hospital and Harvard Medical  
School  
Dana-Farber Cancer Institute  
Boston, MA

**Monday, September 24, 2018**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Ming Li (SKI)

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## ***Novel Pro-Resolving Lipid Mediators in Inflammation and Infection***

**Charles Serhan, PhD**  
Professor and Director, Center for  
Experimental Therapeutics and Reperfusion  
Injury  
Brigham and Women's Hospital  
The Simon Gelman Professor of  
Anaesthesia (Biochemistry & Molecular  
Pharmacology)  
Harvard Medical School  
Boston, MA

**Monday, October 1, 2018**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Julie Blander (Cornell)

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### ***Memory B Cells and Infection***

**Marion Pepper, PhD**  
Associate Professor  
Department of Immunology  
University of Washington  
Seattle, WA

**Monday, October 8, 2018**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Gabriel Victora (Rockefeller University)

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### ***Bifurcating B Cell Dynamics Underlying Humoral Immune Responses***

**Harinder Singh, PhD**  
Director  
Division of Immunobiology  
Cincinnati Children's Hospital Medical  
Center  
Cincinnati, Ohio

**Monday, October 15, 2018**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Joseph Sun (SKI)

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### ***Regulation of Innate Immunity to Inhaled Fungi***

**Bruce Klein, PhD**  
Professor of Pediatrics and Medical  
Microbiology & Immunology  
University of Wisconsin  
Madison, WI

**Monday, October 22, 2018**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Illiyon Iliev (Cornell)

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### ***Neuro-immune Regulation of Bacterial Host Defense***

**Isaac Chiu, PhD**  
Assistant Professor of Microbiology and  
Immunobiology  
Harvard Medical School  
Boston, MA

**Monday, October 29, 2018**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Daniel Mucida (Rockefeller University)

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### ***Development and Specificity of Homeostatic Intestinal IgA Responses***

**Albert Bendelac, MD, PhD**  
A.N. Pritzker Professor  
Committee on Immunology  
Department of Pathology  
The University of Chicago  
Chicago, IL

**Monday, November 5, 2018**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Joseph Sun (SKI)

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### ***Efferocytosis in the Resolution of Inflammation***

**Ira Tabas, MD, PhD**

Professor and Vice-Chair of Research  
Department of Medicine  
Professor of Pathology & Cell Biology (in  
Physiology and Cellular Biophysics)  
Columbia University Medical Center  
New York, NY

**Monday, November 12, 2018**

1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Julie Blander (Cornell)

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***Enterococcus Colonization and Competition in the GI Tract*****Nita Salzman, MD, PhD**

Professor of Pediatrics  
Microbiology and Immunology  
Medical College of Wisconsin  
Milwaukee, WI

**Monday, November 19, 2018**

1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Illiyen Iliev (Cornell)

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***The Intersection of Nutrition and Infection at the Host-Pathogen Interface*****Eric Skaar, PhD, MPH**

Professor of Pathology, Microbiology, and  
Immunology  
Director, Division of Molecular Pathogenesis  
Director, Institute for Infection, Immunology,  
and Inflammation (VI4)  
Vice Chair for Basic Research, Department of  
Pathology, Microbiology, and Immunology  
Vanderbilt University Medical Center  
Nashville, TN

**Monday, December 3, 2018**

1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Michael Glickman (SKI)

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***Title TBA*****Glen Barber, PhD**

Professor and Chairman  
Department of Cell Biology  
University of Miami Health System  
Coral Gables, FL

**Monday, December 10, 2018**

1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Julie Blander (Cornell)

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***Novel Epigenomic Mechanisms of Macrophage Polarization in Health and Disease*****Laszlo Nagy, MD, PhD**

Professor of Medicine  
Associate Director of Center for Metabolic  
Origins of Disease  
Department of Medicine  
John Hopkins University  
School of Medicine  
Baltimore, MD

**Monday, December 17, 2018**

1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Lionel Ivashkiv (HSS)

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## **SKI Administration**

For additional information, please contact the Immunology Program Coordinator,  
Beneysa Bolden [boldenb@mskcc.org](mailto:boldenb@mskcc.org).

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# Immunology & Microbial Pathogenesis Program Research Seminar

Weill Cornell Sloan Kettering Institute Hospital for Special Surgery The Rockefeller University

## ***Autoimmunity to Extracellular DNA***

**Boris Reizis, PhD**  
Professor  
Department of Pathology  
Department of Medicine  
NYU School of Medicine  
New York, NY

**Monday, January 14, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Joseph Sun (SKI)

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## ***Insight into Fundamental Immunologic Pathways from Monogenic Atopic***

**Joshua Milner, MD**  
Chief  
Laboratory of Allergic Diseases  
Genetics and Pathogenesis of Allergy  
Section  
National Institute of Health  
Bethesda, MD

**Monday, January 28, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

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## ***Cytosolic RECONnaissance Host Strategies for Detecting Bacterial Cyclic Dinucleotides***

**Joshua Woodward, PhD**  
Associate Professor  
Department of Microbiology  
University of Washington  
Seattle, WA

**Monday, February 4, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Kyu Rhee (Cornell)

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## ***Rats, Fleas, and Autoinflammatory Disease: Familial Mediterranean Fever and Yersinia Pestis'***

**Dan Kastner, PhD**  
Scientific Director  
Division of Intramural Clinical Research  
National Human Genome Research  
Institute  
Bethesda, MD

**Monday, February 11, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

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## ***Exploitation and Taming of Proto-Oncogenes in Early T-Cell Development***

**Ellen Rothenberg, PhD**  
Albert Billings Ruddock Professor  
Department of Biology  
California Institute of Technology  
Pasadena, CA

**Monday, June 17, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Steven Josefowicz (Cornell)

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***Gene Identification in Inborn Errors of Immunity Lead to Precision Medicine Therapies***

**Michael Lenardo, MD**  
Section Chief and Director  
Clinical Genomics Program  
National Institute of Allergy and Infectious  
Diseases  
Bethesda, MD

**Monday, February 25, 2019**  
1:30 PM- 2:30 PM  
RRL Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

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***The Dawn of Metabolic Intervention in Reprogramming the Tumor Microenvironment***

**Ping-Chih Ho, PhD**  
Assistant Professor  
Department of Fundamental Oncology  
Ludwig Center for Cancer Research of  
University of Lausanne  
Lausanne, CH

**Friday, March 1, 2019**  
1:30 PM- 2:30 PM  
M 107  
Host: Dr. Ming Li (SKI)

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***TBA***

**Richard Blumberg, MD**  
Professor  
Harvard Medical School  
Chief  
Division of Gastroenterology, Hepatology  
and Endoscopy, Gastroenterology,  
Hepatology and Endoscopy  
Brigham And Women's Hospital  
Boston, MA

**Monday, March 4, 2019**  
1:30 PM- 2:30 PM  
RRL Auditorium  
Host: Dr. Greg Sonnenberg (Cornell)

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***Microbial Regulation of Innate Immunity and Homeostasis in the Small Intestine***

**Kathy McCoy, PhD**  
Professor  
Department of Physiology & Pharmacology  
Victoria University of Wellington  
Wellington, NZ

**Monday, March 11, 2019**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Daniel Mucida (Rockefeller)

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## ***Type 2 Immunity in Tissue Regeneration and Fibrosis***

**Thomas Wynn, PhD**  
Vice President  
Inflammation and Immunology Research  
Unit  
Pfizer  
Cambridge, MA

**Monday, March 18, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Lionel Ivashkiv (HSS)

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## ***Gut Microbiota, Diet, Chronic Inflammation, and Metabolic Syndrome***

**Andrew Gewirtz, PhD**  
Professor  
Center for Inflammation, Immunity, and  
Infection  
Georgia State University  
Atlanta, GA

**Monday, March 25, 2019**  
1:30 PM- 2:30 PM  
RRL Auditorium  
Host: Dr. Randy Longman (Cornell)

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## ***Foiled by Foxp3?***

**Christophe Benoist, MD, PhD**  
Morton Grove-Rasmussen Chair  
Immunohematology, Microbiology and  
Immunobiology  
Harvard Medical School  
Boston, MA

**Monday, April 1, 2019**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Joseph Sun (SKI)

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## ***Evasion of IL-22-Mediated Antimicrobial Responses by Bacterial Pathogens***

**Manuela Raffatellu, PhD**  
Professor  
Division of Host-Microbe Systems &  
Therapeutics  
Department of Pediatrics  
University of California  
San Diego School of Medicine  
San Diego, CA

**Monday, April 8, 2019**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Iliyan Iliev (Cornell)

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## ***Treg-Mediated Immune Tolerance in Health and Disease***

**Jeffrey Bluestone, PhD**  
A.W. and Mary Margaret Clausen  
Distinguished Professor  
Director, Hormone Research Institute  
Diabetes Center  
University of California San Francisco  
San Francisco, CA

**Monday, April 15, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Sasha Rudensky (SKI)

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***Elucidating Molecular Mechanisms of a Novel Inherited Immunodeficiency-  
Immunodysregulation Disorder***

**Helen Su, MD, PhD**  
Chief  
Human Immunology and Microbiology  
National Institute of Allergy and Infectious  
Bethesda, MD

**Monday, April 22, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

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***T follicular Helper (Tfh) CD4 T Cells and Germinal Center B Cell Response in the Context  
of Vaccines and Infections***

**Shane Crotty, PhD**  
Professor  
Division of Vaccine Discovery  
La Jolla Institute for Allergy and  
Immunology  
La Jolla, CA

**Monday, April 29, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Joseph Sun (SKI)

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***Genetic Engineering of Human Tumor B Cells***

**Michael Reth, PhD**  
Scientific Director  
The BIOS Centre for Biological Signalling  
Studies  
Professor in Molecular Immunology  
University of Freiburg  
Freiburg, DE

**Monday, May 6, 2019**  
11:00 AM- 12:00 PM  
M 107  
Host: Dr. Sasha Rudensky (SKI)

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***Surviving Mycobacterium Tuberculosis Infection- from the Perspective of the Pathogen and the  
Host***

**Christina Stallings, PhD**  
Associate Professor  
Department of Molecular Microbiology  
Washington University School of Medicine  
St. Louis, MO

**Monday, May 6, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Kyu Rhee (Cornell)

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***Host Genetics and the Shape of Microbial Communities***

**Alexander Chervonsky, PhD**  
Professor and Chairman  
Committee on Immunology  
Department of Pathology  
The University of Chicago  
Chicago, IL

**Monday, May 13, 2019**  
1:30 PM- 2:30 PM  
ZRC 105  
Host: Dr. Sasha Rudensky (SKI)

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TBA

**June Round, PhD**  
Associate Professor  
Department of Pathology  
Divisions of Microbiology and Immunology  
University of Utah  
Salt Lake City, UT

**Monday, May 20, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Greg Sonnenberg (Cornell/JRI)

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***Human RAG Defects: from Genotype to Phenotype and Correction***

**Luigi Notarangelo, MD**  
Chief  
Laboratory of Clinical Immunology and  
Microbiology  
Immune Deficiency Genetics Section  
National Institute of Allergy and Infectious  
Disease  
National Institutes of Health  
Bethesda, MD

**Monday, June 3, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jean-Laurent Casanova (Rockefeller)

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***Signaling and Selection in Germinal Centers***

**Mark Shlomchik, MD, PhD**  
UPMC Endowed Professor and Chair  
Department of Immunology  
University of Pittsburgh  
Pittsburgh, PA

**Monday, June 10, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Jayanta Chaudhuri (SKI)

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***Dendritic Cell Migration: from Micro-Fluidics to in Vivo Live Imaging***

**Ana-Maria Lennon, PhD**  
Research Director  
Institut Curie  
Paris, France

**Monday, June 24, 2019**  
1:30 PM- 2:30 PM  
ZRC Auditorium  
Host: Dr. Morgan Huse (SKI)

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**SKI Administration**

For additional information, please contact the Immunology Program Coordinator,  
Beneysa Bolden [boldenb@mskcc.org](mailto:boldenb@mskcc.org).

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